

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11411

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D01H5/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC-7 D01H G01N G01G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00 12974 A (GREENWALD ALEXANDER ; MOSHE DANNY S (IL); BUZIK LEONID M (IL); FRIE) 9 March 2000 (2000-03-09) cited in the application page 7, line 8 - line 14	1-5, 21-23
A	page 10, line 2 - page 11, line 26 page 21, line 21 - page 23, line 5; figures 1-7	6-20
Y	US 4 885 527 A (LACOMBE JEAN F ET AL) 5 December 1989 (1989-12-05) column 6, line 27 - line 37; figures 1-4	1-5, 21-23
A	DE 44 45 720 A (SPINNEREIMASCHINENBAU LEISNIG) 27 June 1996 (1996-06-27) page 5, column 12 - column 33; figures 1-3	1, 21

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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Date of the actual completion of the international search

5 February 2004

Date of mailing of the international search report

12/02/2004

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0012974	A	09-03-2000	AU	5583199 A		21-03-2000
			EP	1114299 A1		11-07-2001
			WO	0012974 A1		09-03-2000
			US	6476619 B1		05-11-2002
US 4885527	A	05-12-1989	FR	2619217 A1		10-02-1989
			CA	1291210 C		22-10-1991
			DE	3865916 D1		05-12-1991
			EP	0302778 A1		08-02-1989
			ES	2026675 T3		01-05-1992
			JP	1054340 A		01-03-1989
DE 4445720	A	27-06-1996	DE	4445720 A1		27-06-1996
			WO	9619728 A1		27-06-1996
			EP	0799419 A1		08-10-1997
			JP	10511456 T		04-11-1998